OIPE JC26
MAR 0 1 2004
PATENT & TRADEMARK OFFICE

First Named Inventor	:	Mark Covington	
Appln. No.	:	10/671,160	
Filed	:	September 25, 2003	Group Art Unit: 2858
Title	:	SUPPRESSION OF THERMALLY ACTIVATED MAGNETIZATION FLUCTUATIONS IN MAGNETORESISTIVE ELEMENTS VIA SPIN MOMENTUM TRANSFER	Examiner:
Docket No.	:	I69.12-0553	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS, TO THE ASSISTANT COMMISSIONER FOR PATENTS, ALEXANDRIA, VA 22313, THIS 25 DAY OF February, 2004.

PATENT ATTORNEY

Sir:

The enclosed PTO Form-1449 lists patents and publications submitted pursuant to 37 C.F.R. 1.97. Copies of the patents or publications are enclosed as necessary [if application filing date is after June 30, 2003, copies of U.S. patents and application publications are not required].

Submitted herewith is a copy (with English translation as appropriate) of an Official Search Report of the Patent Cooperation Treaty Patent Office in counterpart foreign Application No. PCT/US 03/29913 filed September 25, 2003.

TIME OF FILING

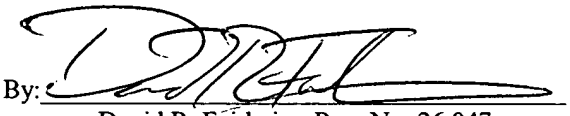
The Information Disclosure Statement is being filed:

1. X with the application or within three months of the filing date of a national application (other than a continued prosecution application under 37 C.F.R. 1.53(d)) or date of entry into the national stage of an international application or, to the best of the undersigned's knowledge, before the mailing date of a first Office action on the merits or a first office action after the filing of a request for continued

examination under 37 C.F.R. 1.114, whichever event occurs last. In accordance with 37 C.F.R. 1.97(b), no certification or fee is required.

Respectfully submitted,

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FORM PTO-1449	Atty. Docket No.: I69.12-0553	Application No.: 10/671,160
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor: Mark Covington	
	Filing Date: September 25, 2003	Group Art: 2858

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U.S. PATENT DOCUMENTS

Examiner Initials		Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents
	AA			
	AB			
	AC			
	AD			
	AE			
	AF			
	AG			
	AH			
	AI			
	AJ			
	AK			

FOREIGN PATENT DOCUMENTS

		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Translation Yes No
	AL				
	AM				
	AN				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	J.A. Katine, F.J. Albert, R.A. Buhrman, E.B. Myers and D.C. Ralph. Current-Driven Magnetization Reversal and Spin-Wave Excitations in Co/Cu/Co Pillars. *Physical Review Letters*, Vol. 84, No. 14, 3 April 2000, pp. 3149-3152.
	AP	Jian-Gang Zhu. Thermal Magnetic Noise and Spectra in Spin Valve Heads. *Journal of Applied Physics*, Vol. 91, No. 10, 15 May 2002, pp. 7273-7275.
	AQ	

EXAMINER:	DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.